



**PIGEON RIVER COUNTRY MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT 12 ENTRY YEAR: 2012

Compartment Acreage: 1587 County: Cheboygan

Review Date:

August 25, 2010

Stand Examiner:

Rick McDonald

Legal Description:

T33N - R01W sections 1, 12, 13

RMU (if applicable):

Not Applicable

Management Goals:

Maintain current species mix and apply appropriate management techniques to mature stands of timber that are in need of treatment.

Soil and Topography:

Terrain is flat to gently rolling with the uplands comprised of primarily well-drained Cheboygan-Blue Lakes Assoc. Tawas-Lupton make up the majority of the lowland areas.

Ownership Patterns, Development, and Land Use in and Around the Compartment:

Entirely state-owned land.

Unique, Natural Features (include only non-site specific and non-sensitive information):

None identified.

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information):

None identified.

Special Management Designations or Considerations:

Borders Dog Lake Special Management Area.

Watershed and Fisheries Considerations:

McMasters Creek flows through the middle of the compartment and into the Black River. There is periodic beaver activity along this waterway.

Wildlife Habitat Considerations:

Please refer to Wildlife Biologist's comments.

Mineral Resource and Development Concerns and/or Restrictions:

Sections 1, 12 & 13, T33N-R1W, Cheboygan County

Surface sediments consist of glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 10 and 400 feet, thickening to the south. Beneath the glacial drift is the Devonian Antrim Shale, quarried for clay/shale elsewhere in the State. The nearest gravel pit is located six miles to the north, and potential is considered low in this area. No oil and gas leases remain in effect after 2001. This area appears to be out of the Guelph (Niagaran) reef trend, but may have limited Antrim Shale potential.

Vehicle Access:

There is good access to most, if not all, of the compartment. Many of the forest roads, however, have been closed to wheeled motorized vehicles with virtually all those closures still intact.

Survey Needs:

None required.

Recreational Facilities and Opportunities:

No developed recreational facilities exist in this compartment and none are needed. The High Country Pathway runs through the north end of the compartment.

Fire Protection:

Access is generally good in case of any fire suppression efforts, though the area is generally at low risk to any wildfire potential. Most road systems are closed with berms.

Additional Compartment Information:

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**

- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand numbers, cover types**
 - ◆ **Proposed treatments**
 - ◆ **Proposed road access system**
 - ◆ **Suggested potential old growth**

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

MACKINAW STATE FOREST

PIGEON RIVER COUNTRY MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: 12

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not Coded	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150-159	All Aged	Total
Aspen		203	343	49	153														748
Black Spruce					7		1												8
Bog or Marsh	3																		3
Cedar			42						42	2	42				14		49		191
Grass	33																		33
Hemlock													9					2	11
Jack Pine		2					19												21
Lowlnd Brush	21																		21
Marsh	51																		51
Mx Swmp Cnfr		10		4						50									64
Oak								1											1
Paper Birch							6											14	20
Red Pine												1	19						20
Spruce Fir		2				10	23											13	48
Swamp Hrdwds					40		37		2										79
Upland Brush	12																		12
Upland Hdwds						1												245	246
Water	10																		10
Total	130	217	385	53	200	11	86	1	44	52	42	1	28		14		49	274	1587

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

MACKINAW STATE FOREST

PIGEON RIVER COUNTRY MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: 12

Table 3A

(acres shown in boxes)

MANAGEMENT OBJECTIVE TYPE

COVER TYPE	A	S	V	C	G	H	J	I	L	P	N	Q	X	O	B	R	K	Y	F	E	T	D	U	M	Z	W	Total
A Aspen	748																										748
S Black Spruce		8																									8
V Bog or Marsh			3																								3
C Cedar				191																							191
G Grass					33																						33
H Hemlock						11																					11
J Jack Pine							21																				21
L LowInd Brush									21																		21
N Marsh											51																51
Q Mx Swmp Cnfr												64															64
O Oak														1													1
B Paper Birch															20												20
R Red Pine																20											20
F Spruce Fir																			48								48
E Swamp Hrdwds																				79							79
U Upland Brush																									12		12
M Upland Hdwds																									246		246
Z Water																									10		10
Total	748	8	3	191	33	11	21		21		51	64		1	20	20			48	79				12	246	10	1587

MACKINAW STATE FOREST

PIGEON RIVER COUNTRY MGT UNIT

CHEBOYGAN COUNTY

COMPARTMENT: **12**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	7722 Cds	Hardwood	2655 Cds
Hardwood	1856 Mbf	Hardwood	608 Mbf
Softwood	4001 Cds	Softwood	443 Cds
Softwood	659 Mbf	Softwood	93 Mbf
Sum TotVol	16753 Cds	Sum CutVol	4500 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	368
1587		Acres Meeting Silv Criteria.....	380
		Acres Not Meeting Silv Criteria.....	1207
		Acres Unable to Determine Silv Criteria For.....	

PIGEON RIVER COUNTRY MGT UNIT

**Proposed Treatments
With NO Limiting Factors**

Compartment: 12

Entry Year: 2012

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDf Status
23	A6	26	40	65	ASPEN (UPLAND)	IMMATURE	FINAL HARVEST	1		
30	M6	48	0	63	NORTHERN HARDWOOD	UNEVENAGE D	SELECTION	1		
36	A6	13	38	70	ASPEN (UPLAND)	MATURE	FINAL HARVEST	1		
41	M6	105	0	52	NORTHERN HARDWOOD	UNEVENAGE D	SELECTION	1		
comnts Fmd : There is a history of RSH nesting in this stand										
42	A6	9	47	65	ASPEN (UPLAND)	MATURE	FINAL HARVEST	1		
comnts Fmd : The stand is somewhat wet even in the winter.										
59	A6	34	44	68	ASPEN (UPLAND)	IMMATURE	FINAL HARVEST	1		
comnts Fmd : Young pole stand. Heavy fir component on the north end.										
65	F6	23	60	61	SPRUCE-FIR (UPLANDS-INCLUDING UPLAND BLACK SPRUCE)	IMMATURE	FINAL HARVEST	1		
77	M9	87	0	62	NORTHERN HARDWOOD	UNEVENAGE D	SELECTION	1		
404	G0	8	0		GRASS	NONSTOCKE D		0	OPENING MAINTENANCE	
comnts Fmd : Wildlife created this opening and manages it periodically.										
405	G0	1	0		GRASS	NONSTOCKE D		0	OPENING MAINTENANCE	
comnts Fmd : Wildlife managed opening.										
407	G0	8	0		GRASS	NONSTOCKE D		0	OPENING MAINTENANCE	
comnts Fmd : Managed wildlife opening										
Total Acres.....		362								

PIGEON RIVER COUNTRY MGT UNIT

**Proposed Treatments
With Limiting Factors**

Compartment: 12

Entry Year: 2012

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDI Status
21	R9	17	123	67	RED PINE	MATURE	SHELTERWOOD-SEED	1		

TREATMENT LIMITING FACTORS: Interest group (name in comments)

24	B6	6	65	55	PAPER BIRCH	MATURE	FINAL HARVEST	1		
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TREATMENT LIMITING FACTORS: Too wet
Delayed treatment for age/size class diversity

Total Acres..... 23

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
1	U 0	U 0	1		0	0	51	upland brush	sparse	N		not scheduled	0	
comnts Fmd : Scattered Jack Pine														
2	J 1	J 1	2	6		0	51	jack pine	immature	N		50-59 years	0	
3	O 6	M 1	1	75	10	100	60	oak	immature	N		10-19 years	0	
4	J 4	J 2	18	65	8	30	48	jack pine	two aged	N		30-39 years	0	
comnts Fmd : Stand basal area is seed tree residual left after the stand was cut in 1984.														
5	V 0	V 0	3			0		bog or muskeg	immature	N		not scheduled	0	
6	A 3	A 3	11	26	0	0	60	aspen (upland)	immature	N		30-39 years	0	
7	J 4	R 1	1	60	6	20	50	jack pine	immature	N		30-39 years	0	
8	A 3	A 3	7	6		0	59	aspen (upland)	immature	N		40-49 years	0	
9	R 7	W 1	1	110	15	30	56	red pine	mature	Y		40-49 years	0	
<u>Treatment Limiting Factors:</u>														
Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Stand cut in 2004.														
10	M 6	M 1	5		8	80	66	northern hardwood	unevenaged	N		not scheduled	0	
comnts Fmd : Relatively small remote stand with good potential for harboring a red-shouldered hawk nest. Recommend not harvesting for that reason.														
11	L 0	L 0	2			0		lowland brush	nonstocked	N		not scheduled	0	
12	E 5	E 1	15	60	7	50	50	swamp hardwoods	immature	N		not scheduled	0	
comnts Fmd : Too wet and low volume for commercial.														
13	A 3	A 3	21	15		30	65	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Sale cut in 1995 and left white pine residual.														
14	L 0	L 0	1			0		lowland brush	nonstocked	N		not scheduled	0	

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
15	A 3	A 3	70	22		0	65	aspen (upland)	immature	N		30-39 years	0	
16	A 5	A 2	70	41	6	60	60	aspen (upland)	immature	N		10-19 years	0	
17	U 0	U 0	9			0		upland brush	nonstocked	N		not scheduled	0	
18	S 6	S 2	1	60	8	80	50	black spruce-swamp	immature	N		10-19 years	0	
19	R 9	W 1	2	124	14	70	65	red pine	mature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Stand thinned with adjoining stand to the east.														
20	C 6	F 1	2	94	8	90	58	cedar	immature	N		20-29 years	0	
21	R 9	R 1	17	123	15	130	67	red pine	mature	Y	shelterwood-seed	within 0-9 years	1	
<u>Treatment Limiting Factors:</u>														
Interest group (name in comments)														
22	A 3	A 3	19	27	3	0	60	aspen (upland)	immature	N		20-29 years	0	
23	A 6	F 2	26	40	8	80	65	aspen (upland)	immature	N	final harvest	within 0-9 years	1	
24	B 6	F 2	6	65	8	80	55	paper birch	mature	Y	final harvest	within 0-9 years	1	
<u>Treatment Limiting Factors:</u>														
Too wet														
Delayed treatment for age/size class diversity														
25	C 6	X 0	3	104	8	140	42	cedar	immature	N		20-29 years	0	
26	Z 0	Z 0	10			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Beaver flooding along old railroad grade.														
27	N 0	N 0	12			0		marsh	nonstocked	N		not scheduled	0	

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
28	A 3	A 3	22	23		0	65	aspen (upland)	immature	N		20-29 years	0	
29	A 2	A 2	21	14		0	65	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Regeneration is not very good. Wet ground.														
30	M 6	M 2	48		10	130	63	northern hardwood	unevenaged	Y	selection	within 0-9 years	1	
31	A 5	A 3	39	36	5	40	70	aspen (upland)	immature	N		20-29 years	0	
32	E 5	E 1	22	62	9	50	50	swamp hardwoods	low quality	N		not scheduled	0	
comnts Fmd : Wet drainage with creek running through stand.														
33	N 0	N 0	18			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Scattered tamarack seedlings and saplings.														
34	E 5	F 2	2	79	8	40	48	swamp hardwoods	sparse	N		not scheduled	0	
comnts Fmd : Upland island in swamp with low quality timber.														
35	C 6	L 0	49	158	8	120	30	cedar	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Deer yards														
Too wet														
Road needed (resources not presently available)														
36	A 6	M 2	13	38	8	80	70	aspen (upland)	mature	N	final harvest	within 0-9 years	1	
37	A 6	M 1	1	38	8	70	70	aspen (upland)	mature	N		not scheduled	0	
comnts Fmd : Small island of Aspen the same age class as stand 36 that sits in the middle of a wildlife opening. Because of its isolation it should be left to apply towards our retention goals.														
38	A 4	A 2	29	25		30	65	aspen (upland)	immature	N		20-29 years	0	
39	H 6	M 1	2		10	190	55	hemlock	unevenaged	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Cedar or Hemlock cutting restraints														
No market for species/product														
comnts Fmd : Leave for diversity and wildlife considerations.														
40	L 0	L 0	5			0		lowland brush	nonstocked	N		not scheduled	0	

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
41	M 6	M 2	105		10	120	52	northern hardwood	unevenaged	Y	selection	within 0-9 years	1	
comnts Fmd : There is a history of RSH nesting in this stand														
42	A 6	M 2	9	47	8	80	65	aspen (upland)	mature	N	final harvest	within 0-9 years	1	
comnts Fmd : The stand is somewhat wet even in the winter.														
43	A 4	A 2	13	25	4	30	65	aspen (upland)	immature	N		20-29 years	0	
44	C 6	F 1	14	138	9	90	35	cedar	immature	N		10-19 years	0	
45	E 5	E 2	40	46	6	50	48	swamp hardwoods	immature	N		not scheduled	0	
46	H 6	F 1	5	120	10	210	45	hemlock	mature	N		not scheduled	0	
47	H 6	F 1	2	120	10	140	45	hemlock	mature	N		not scheduled	0	
48	A 3	A 3	33	25	3	0	60	aspen (upland)	immature	N		30-39 years	0	
49	H 6	F 1	2	120	10	140	45	hemlock	mature	N		not scheduled	0	
50	A 2	A 2	29	14	0	0	60	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Some area did not regenerate well, what regeneration there is has been browsed heavily.														
51	F 5	F 1	4	50	7	60	60	spruce-fir (uplands-including upland black spruce)	immature	N		10-19 years	0	
52	A 3	A 3	19	25		0	60	aspen (upland)	immature	N		20-29 years	0	
53	C 5	A 2	3	82	8	40	40	cedar	immature	N		50-59 years	0	
comnts Fmd : Cedar is residual from 1996 cutting. Long term management is for Aspen.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
54	F 6	F 2	13		9	90	58	spruce-fir (uplands-including upland black spruce)	unevenaged	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Too wet Delayed treatment for age/size class diversity Water quality/bmps</p>														
<p>comnts Fmd : Active travel corridor for wildlife. Leave this stand to break up age class of surrounding stand.</p>														
55	A 4	A 2	38	25	5	40	65	aspen (upland)	immature	N		20-29 years	0	
56	A 3	A 3	33	15	0	0	65	aspen (upland)	immature	N		40-49 years	0	
57	N 0	N 0	21			0		marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Creek bottom along McMasters Creek heavily influenced by beaver activity</p>														
58	A 3	A 2	15	23	3	0	60	aspen (upland)	immature	N		30-39 years	0	
59	A 6	F 1	34	44	8	100	68	aspen (upland)	immature	N	final harvest	within 0-9 years	1	
<p>comnts Fmd : Young pole stand. Heavy fir component on the north end.</p>														
60	A 3	A 3	18	23		0	60	aspen (upland)	immature	N		30-39 years	0	
61	M 6	M 1	1	54	8	90	59	northern hardwood	immature	N		not scheduled	0	
<p>comnts Fmd : Small stand behind after stand 60 was cut. Recommend leaving this stand to help achieve retention goals.</p>														
62	A 3	A 3	12	14	0	0	59	aspen (upland)	immature	N		40-49 years	0	
63	Q 6	Q 2	50	95	8	90	38	mixed swamp conifer	immature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Too wet Water quality/bmps</p>														
<p>comnts Fmd : McMasters Creek flows through this stand. The majority of this stand is rather wet.</p>														
64	S 3	S 3	7	45		0	45	black spruce-swamp	immature	N		40-49 years	0	
<p>comnts Fmd : Spruce/cedar bog</p>														
65	F 6	F 2	23	60	8	70	61	spruce-fir (uplands-including upland black spruce)	immature	N	final harvest	within 0-9 years	1	

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
66	U 0	U 0	1			0		upland brush	nonstocked	N		not scheduled	0	
comnts Fmd : High knoll with scattered fir and clumps of hardwood. Maintain as opening or brushy.														
67	A 3	A 3	16	23	0	0	60	aspen (upland)	immature	N		30-39 years	0	
68	L 0	L 0	13			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Creek bottom along McMasters Creek presently flooded, but varies throughout the year.														
69	F 5	F 1	6	50	8	60	50	spruce-fir (uplands-including upland black spruce)	immature	N		10-19 years	0	
70	A 1	A 1	12	16	0	0	60	aspen (upland)	sparse	N		30-39 years	0	
comnts Fmd : Severe browsing damage from elk dnd deer.														
71	C 6	F 2	39	107	8	110	31	cedar	immature	N		10-19 years	0	
72	Q 2	Q 2	10	16		0	35	mixed swamp conifer	immature	N		40-49 years	0	
73	A 3	A 3	10	22	3	0	60	aspen (upland)	immature	N		30-39 years	0	
74	U 0	U 0	1			0		upland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Open knoll that is filling in with young fir and brush.														
75	A 6	F 2	10	37	8	80	68	aspen (upland)	immature	N		10-19 years	0	
76	F 2	F 2	2	16		0	48	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
comnts Fmd : Very tip of clearcut unit. Not good regeneration and heavy browsing on what there is.														
77	M 9	M 3	87		14	120	62	northern hardwood	unevenaged	Y	selection	within 0-9 years	1	
78	A 3	A 3	4	23		0	65	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Part of larger stand to the west.														
79	A 2	A 2	12	16		0	55	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Moderate regeneration. Wet spots with marsh grass.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
80	B 5	F 2	14		8	60	64	paper birch	unevenaged	N		10-19 years	0	
comnts Fmd : Good component of residual cedar after cut in 1988. Aspen regenerating relatively well.														
81	C 5	A 3	42	22	7	50	65	cedar	immature	N		20-29 years	0	
comnts Fmd : Stand is rather wet.														
82	C 6	F 1	39	83	8	90	65	cedar	immature	N		10-19 years	0	
comnts Fmd : Hemlock residual (and some Cedar) after cut.														
83	A 2	A 2	56	16		10	60	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Cedar is residual from previous cut.														
84	A 3	A 3	26	22		10	60	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Cedar is residual from previous cut.														
85	Q 3	Q 3	4	37		0	60	mixed swamp conifer	immature	N		20-29 years	0	
comnts Fmd : Natural opening														
400	G 0	G 0	3			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Existing wildlife created opening hasn't been worked in several years.														
401	G 0	G 0	4			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Extension of stand 401														
402	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Wildlife created this opening and manages it periodically.														
403	G 0	G 0	4			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Wildlife managed opening.														
404	G 0	G 0	8			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : Stoney Homestead - apple trees														
405	G 0	G 0	1			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
comnts Fmd : Managed wildlife opening														
406	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Managed wildlife opening														
407	G 0	G 0	8			0		grass	nonstocked	N		within 0-9 years	0	opening maintenance

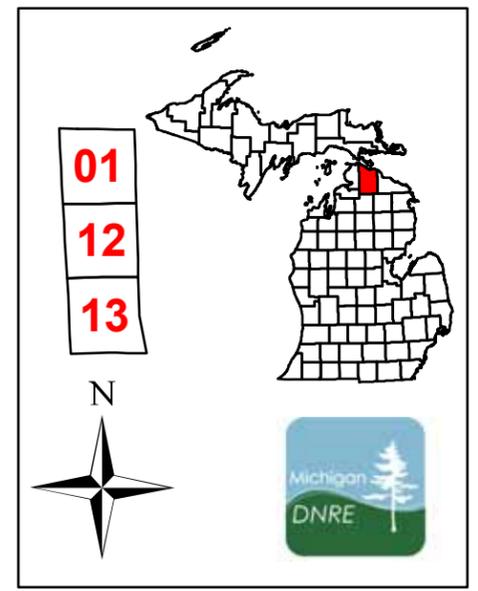
* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
408	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	

Total Acres..... 1587

Covertypes & Treatment Map

Compartment 12
 T33N, R01W, Sec. 1, 12, 13
 County: Cheboygan
 Unit: Pigeon River Country
 YOE: 2012
 Acres: 1,587 GIS Calculated
 Stand Examiner: Rick McDonald
 Map Revised: 6/24/2010
 Map Phase: Pre-review



Legend

- Miris Corners
- - - County Gravel Roads
- - - Open Forest Roads
- - - Closed Roads
- Trails
- Hiking Trails
- Water Features
- Stand Boundary
- 026 - Opening Maintenance
- 100 - Final Harvest
- 300 - Shelterwood - seed
- 800 - Selection
- A - Aspen
- B - Paper Birch
- C - Northern White Cedar
- E - Swamp Hardwoods
- F - Upland Spruce or Fir
- G - Grass
- H - Hemlock
- J - Jack Pine
- L - Lowland Brush
- M - Northern Hardwoods
- N - Marsh
- O - Oak
- Q - Mixed Swamp Conifers
- R - Red Pine
- S - Black Spruce Swamp
- U - Upland Brush
- V - Bog or Muskeg
- Z - Water

45°17'0"N

45°16'0"N

45°15'0"N

45°17'0"N

45°16'0"N

45°15'0"N

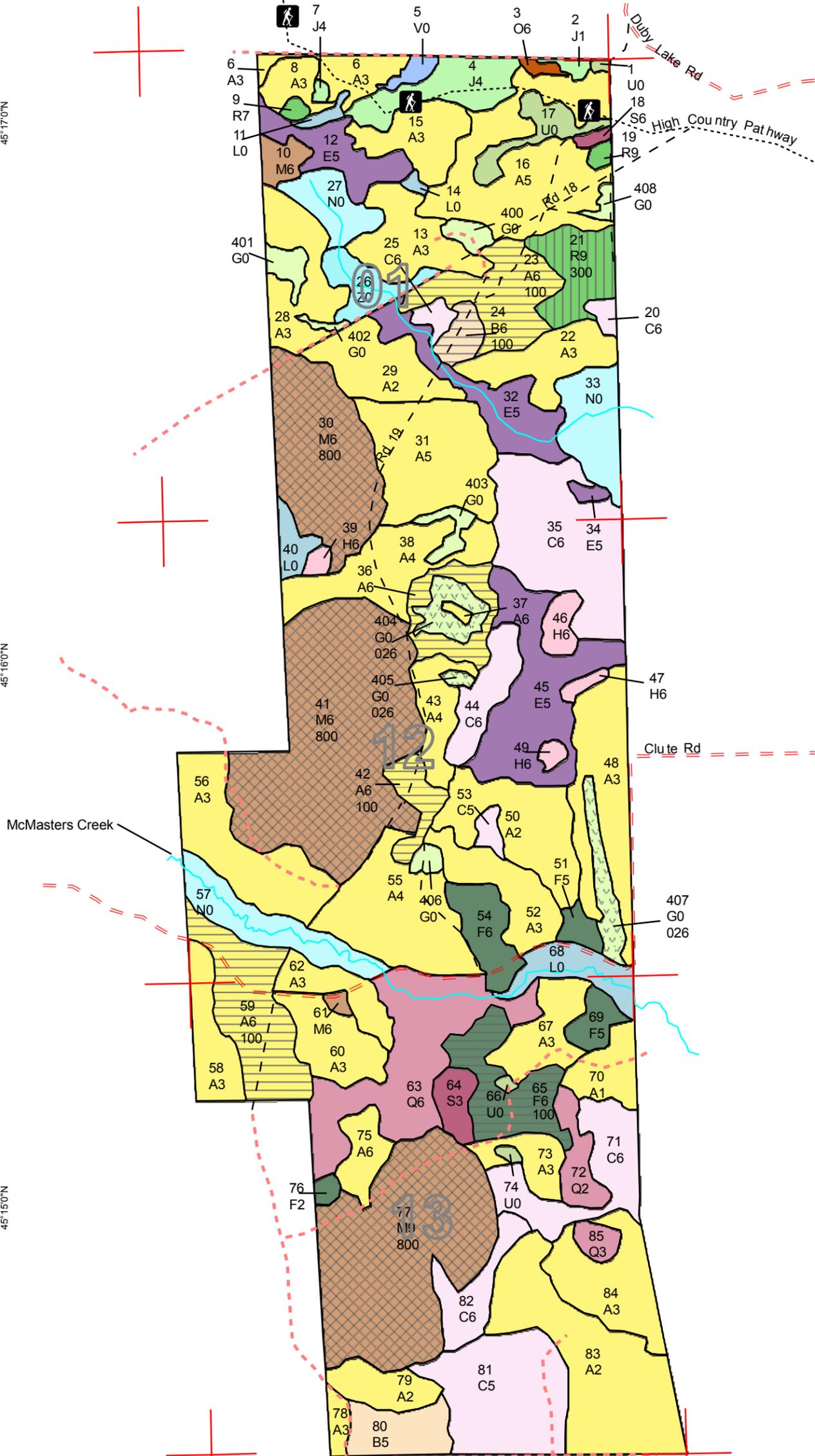
84°23'0"W

84°21'0"W

84°23'0"W

84°22'0"W

84°21'0"W



McMasters Creek

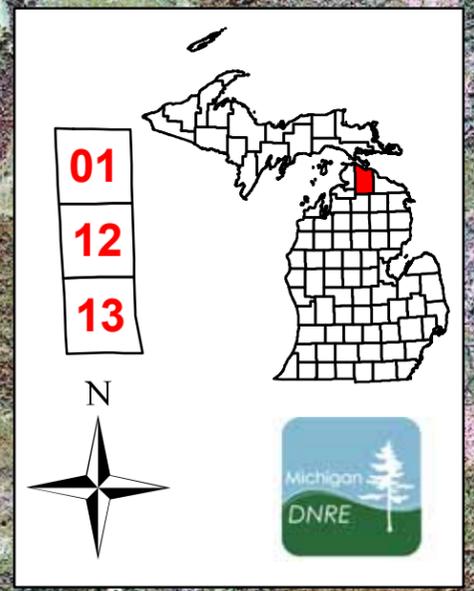
Duby Lake Rd

High Country Pathway

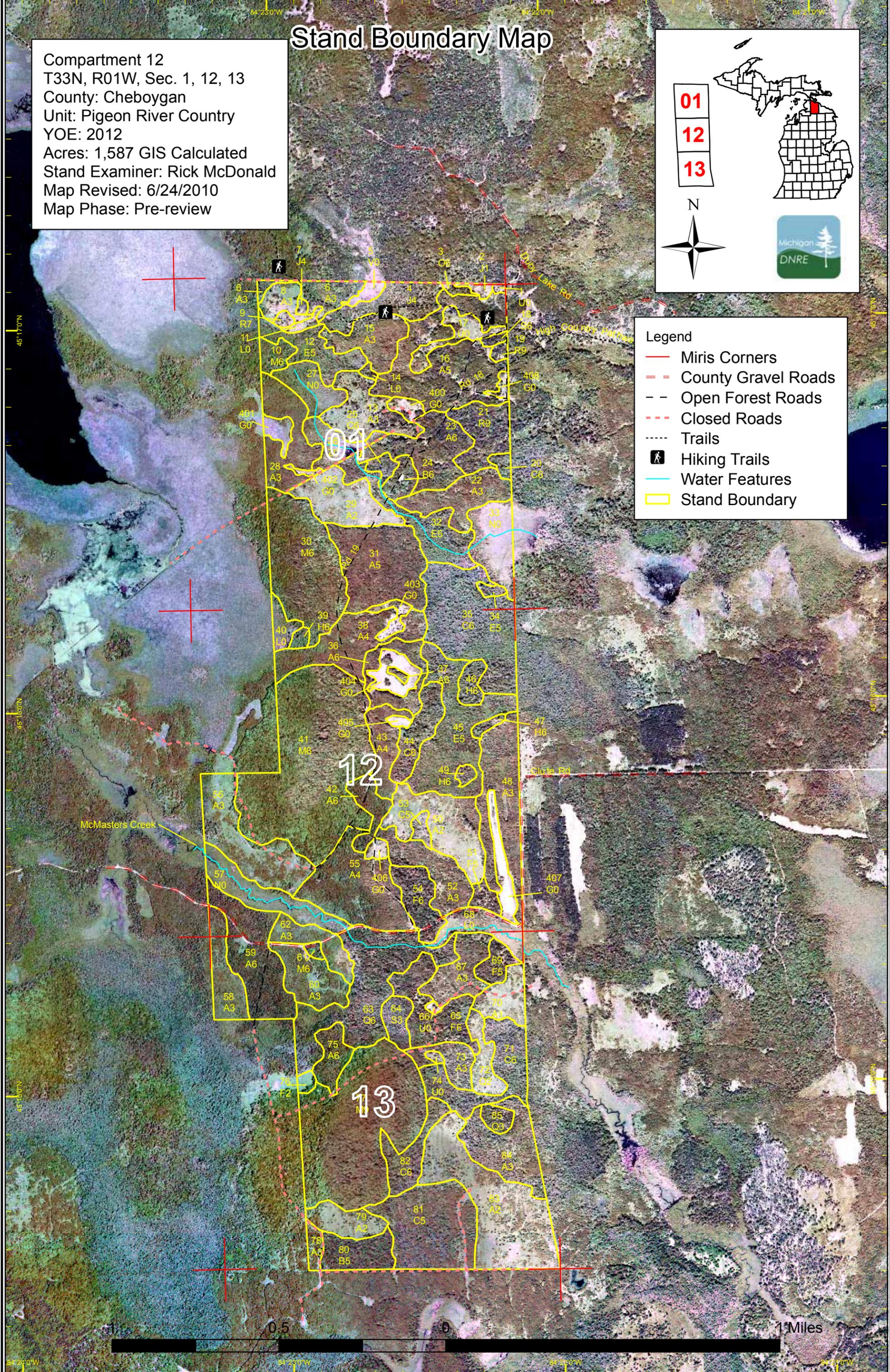
Clute Rd

Stand Boundary Map

Compartment 12
 T33N, R01W, Sec. 1, 12, 13
 County: Cheboygan
 Unit: Pigeon River Country
 YOY: 2012
 Acres: 1,587 GIS Calculated
 Stand Examiner: Rick McDonald
 Map Revised: 6/24/2010
 Map Phase: Pre-review



- Legend**
- Miris Corners
 - = County Gravel Roads
 - - Open Forest Roads
 - - - Closed Roads
 - - - - Trails
 - Hiking Trails
 - Water Features
 - Stand Boundary





DEDICATED CONSERVATION AREA DETAILS

* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

ERA = Ecological Reference Area
HCVA = High Conservation Value Area
SCA = Special Conservation Area

Conservation Area	Type	Description
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.
SCA	Non-Dedicated Natural Areas and National Natural Landmarks	This category is comprised of those Natural, Wilderness and Wild Areas that have been nominated or proposed for legal dedication, but for which legal dedication by legislature has not occurred. The nomination process is defined by Part 351, Wilderness and Natural Areas, of the Natural Resources and Environmental Protection Act, 1994 PA 451. The program is administered by the DNR. Nominations require the submittal of a Natural Areas Nomination Packet to the DNR. This is an active program, with proposed sites in various stages of review. Final dedication of nominated Natural, Wilderness and Wild Areas is accomplished through legislative action.
SCA	Potential Old Growth Areas	This category contains stands were identified for a broad range of reasons and were coded in the OI database as stand condition 8 as potential old growth (POG). Approximately 310,000 acres have been identified through the Operations Inventory (OI)/Compartment Review process. For stands in Year of Entry 2008 and forward, potential old growth is managed for the identified objective until it is: 1) vetted through the Biodiversity Conservation Planning Process (BCPP) and given a specific designation and objective (as an ERA, HCVA, or other type of SCA) and is released from the potential old growth designation; or 2) it is released from the potential old growth designation via the Compartment Review process.